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NEW EQUIPMENT MARKS CURRENT OUTPUT  
OF COAL-MINING MACHINERY INDUSTRY

[Numbers in parentheses indicate list of sources appended.]

The output of coal cutting-and-loading machines has gone up 4.5 times during 1949 over the 1948 figure. (1) The Five-Year Plan has been met by the Novocherkassk Mining and Construction Equipment Plant (2), and by the Kemerovo "Svet shakhtera" Plant, which makes complex machinery for the Kuzbass coal mines. (3)

The Five-Year Plan for gross and finished production was fulfilled by the Kharkov "Svet shakhtera" Plant, which produced as much during 7 months of 1949 as it did during all of 1940. The plan has begun assembly-line production of reducers for mine conveyers and has set up a new foundry, a steam-boiler, and a steel-structures shop. Production costs have been lowered 8.5 percent in 3½ years and 27 million above-plan rubles have been accumulated. (4)

The Gornyak Plant, Kutaisi, which puts out the RTU-30 conveyer and the AK-2 electric locomotive, fulfilled the Five-Year Plan for gross production in 3 years, 7 months and 20 days. It has completed experimental models of the new KRSh-150 conveyer and the Gornyak electric locomotive, and has recently been assigned all metal construction for the concentration plants, cableways, and electric lines of the "Gruzugol" Combine (5). The plant's metal-structures shop now employs an ultrashort-arc electric welding process, which is three times as fast as old methods, makes a better weld, and effects a 40-percent saving in electrode material. (6)

A new cable car for coal mines has been made by the Skopin Machine-Building Plant, in accordance with specifications of the Giprouglemasb (State Institute for Design of Coal Mining Machinery). The car, designated the SKV-1.5, is 3,200 millimeters long, 1,300 millimeters wide, 1,320 millimeters high, and runs on pneumatic tires. It is powered by two Dinamo I-101 electric motors of 2.4 kilowatts' capacity, weighing 55 kilograms each. (7)

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The Leningrad Mining Institute, in conjunction with the "Lenmetrostroy" Machinery Plant, has designed and put into series production a turbo-mechanical reducer for mine-cage hoists. It can change the speed and direction of rotation of the hoist drum. Experimental models have successfully passed tests in shafts of the Leningrad subway project, and ten have been built for coal mines. (8)

The Leningrad Pnevmatika Plant has perfected series production of safety mining drills and light-duty pneumatic hammers for the Donbass coal fields. (9)

## SOURCES

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